RAJYA SABHA

Statement III

Details of cost of generation of coal based NTPC projects for the year
1999-2000

(Provisional)

Station	Generation Cost (P/Kwh
Singrauli STPP	75.25
Korba STPP	53.85
Ramagundam STPP	98.10
Farakka STPP	152.05
Vindhyachal STPP	99.27
Rihand STPP	105.46
Unchahar STPP	146.43
Dadri Thermal	194.82
Kahalgaon STPP	137.10
Talcher STPP	116.97
Talcher TPS	105.36
Tanda	343.87

Decline in Production of Thermal and Hydro Power

4340. SHRI K.M. KHAN: Will the Minister of POWER be pleased to state:

- (a) whether there is a sharp decline in the production of thermal and hydro power during the last three years;
 - (b) if so, the detials thereof, State-wise; and
- (c) the reasons for the decline in the generation of power and the steps taken to improve the power generation capacity?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) The growth

rates of thermal and hydro generation sector-wise in the country during the years 1998-99, 1999-2000 and 2000-2001 are given below:—

Year							Gr	owth R	ate (%)
			7	Thermal			Hydr	о	
		Cent- ral Sector	State Sector	Pri- vate Sector	Total	Cent- rai Sector	State Sector	Pri- vate Sector	Total
998-99 999- 000 000-	ė	3.2 8.5		23.9	(+)5.2 (+)9.4		6.7 1.7 (-)7.5	20.5	(+)11.0 (-)2.5

(b) The details of State-wise generation are given in the statement (see below)

(c) The generation at hydroelectric stations is primarily dependent on the pattern of rainfall and position of water levels of the reservoirs. The lower rate of hydel generation during 2000-2001 was mainly on account of poor inflows resulting in lower reservoir levels of major hydroelectric stations. The Central Electricity Authority closely monitors the generation performance and also deputes team of experts of HE stations to render technical advice, whenever required.

The following steps are being taken to improve power generation in the country:—

(i) Expeditious implementation of capacity addition programme and doubling of the capacity by 2012.

(ii) Renovation and Modernisation (R&M) and life extension of existing old and inefficient generating units.

(iii) Disbursement of loans by the Power Finance Corporation for improving operation and maintenance of thermal power stations under Accelerated Generation Programme.

(iv)Increasing the inter-state and inter-regional power transfer by construction of missing transmission links and system improvement and finally development of the National Grid.

(v)Coordinated operation of Hydro, Thermal, Nuclear and Gas turbine power stations in the regional power system.

(vi)Speedy implementation of Reform process in the Power Sector.

(vii)Early stabilization of newly commissioned generating units.

Statement
State-wise details of thermal and hydro power generation

DVB 2064 2533 2801 — J&K 4858 3560 267 242 HPSEB HPSEB 6766 8184 987 1296 995 RSEB 10897 13837 14462 3466 3220 PSEB 10897 13837 14462 3466 3220 PSEB 10897 13837 14462 3466 3220 PSEB 10897 13837 14462 3466 3220 UPRVUNL/UPHPC 18753 1347 6138 5271 GEB CSECL 40839 4157 1039 5271 GEB APSEB APSEB 1870 2137 2462 467 APSEB APSEB 1758 2150 21957 7586 8668 APSEB APSEB 1763 8973 9467 11692 KNSEB SSEB 1764 937 11692 11692 KNSEB SSEB	State Electri- city Board	Thermal 1998-99	Generation (Million 1999-2000	Units) 2000-2001	Hydro Ge 1998-99	Generation (Million 1999-2000	Units) 2000-2001
Check	DVB	2064	2533	2801	ļ	1	1
State	J&K	9	0	5	999	809	551
STATE STAT	EB	3487	4858	3560	267	242	243
UNIL/UPHPC 11875 11887 14462 3496 3496 11887 11887 14462 3496 3496 11887 14462 3496 3496 11887 14462 3496 3496 11887 12847 22129 22885 11349 11970 22887 11349 11970 22887 11349 11970 22137 22881 11870 20152 20428 2795 22885 11870 20152 20428 2795 2295 21500 21976 ————————————————————————————————————			ł	Ì	1458	1197	1161
UNIL/UPHPC 19897 13837 14462 3496 3496 18753 18329 19474 6138 52129 22847 22129 22885 1349 1138 5 1349 1137 2881 140839 41530 42230 3704 3704 3704 3704 3704 3704 3704 37	RSEB	99/9	8184	7887	1298	566	374
UNIL/UPHPC 18753 18329 19474 6138 5 22847 22129 22885 1349 1349 22847 22129 22885 1349 13 40839 41530 42230 3704 3 8 (APGENCO) 19758 21550 21957 7586 8 SPC 17261 19073 19662 4958 4 ICHERY 6458 7763 8903 9842 111 624 708 655 461 77 624 708 655 461 77 A P. 256 2246 2168 183 GHAT V. 1474 1169 1329 ————————————————————————————————————	PSEB.	10897	13837	14462	3496	3220	3143
C2847 22129 22885 1349 1 0 2137 2881 - - 40839 41530 42230 3704 3 18201 20152 20428 2795 2 18201 20152 20428 2795 2 28C 1800 20167 7586 8 1800 2001 1976 - 17561 18073 19682 4958 4 1CHERY 6458 7763 8903 9842 11 1169 1329 - 461 7316 1252 579 869 7316 7316 1266 1329 - 0 0 1270 1474 1169 1329 - 1280 3543 3204 357 1280 936 580 - 26 1280 936 - 26 1280 939 - - <t< td=""><td>UPRVUNL/UPHPC</td><td>18753</td><td>18329</td><td>19474</td><td>6138</td><td>5271</td><td>5291</td></t<>	UPRVUNL/UPHPC	18753	18329	19474	6138	5271	5291
CHERY 40839 41530 4230 3704 33 (APGENCO) 19758 21500 21957 7586 8 SPC 17261 19758 21500 21957 7586 8 SPC 17261 1976 — — — — — — — — — — — — — — — — — — —	GEB	22847	22129	22885	1349	1039	438
40839 41530 42230 3704 3 8 (APGENCO) 19758 20152 20428 2795 2 18201 20152 20428 2795 2 1978 21500 21957 7586 8 SPC 17261 19073 19682 4958 4 ICHERY 6458 7763 8903 9842 111 254 708 655 461 77 252 579 869 7316 7 254 708 655 461 77 255 579 869 7316 7 256 2246 2168 183 CHAT V. 0 0 0 0 3411 4 A P. 3264 3359 3014 A P. 3263 3159 3014 A P. 3263 3543 3204 357 A M 939 921 936 161AAYA	GSECL	0	2137	2881	1	1	1
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3 (APGENCO) 19758 21500 21957 7586 8 SPC 1800 2001 1976 — — 1800 2001 1976 — — — 1800 2001 1976 — — 1800 2001 1976 — — 1800 132 — — 624 708 655 461 — 256 2246 2168 183 CHAT V. 1474 1169 1329 — A P. 2866 2246 2168 183 A P. 3263 3314 — A P. 3263 3304 357 C 6697 6623 7518 — C 6697 6623 7518 — A P. — 26 M 939 921 936 B A A A A A A A A A A A A A A A A A A A	MPEB	18201	20152	20428	2795	2462	1821
SPC 1800 2001 1976 — 4958 4 ICHERY 6458 7763 8903 9842 111 6458 7763 8903 9842 111 624 708 655 461 252 579 869 7316 7316 256 2246 2168 183 GHAT V. 1474 1169 1329 — 441 A P. 2803 3159 3014 — 2803 357 C 6697 6235 7518 — 26 M 939 921 936 — 544 IALAYA — 287 251 242 577 IRAA 287 251 251 242 577 IGHAT V. 1800 1900 1900 1900 — 1600 1900 1900 1900 1900 1900 1900 1900	APSEB (APGENCO)	19758	21500	21957	7586	8998	7749
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6458 7763 8903 9842 11 624 708 655 461 252 779 869 7316 7 2566 2246 2168 183	PONDICHERY	0	132	232	I	•	}
624 708 655 461 252 579 869 7316 256 2246 2168 183 256 2246 2168 183 256 2246 2168 183 256 2246 2168 183 256 2246 2168 183 257 0 0 3411 4 2803 3159 3014 — A P. 2803 3159 3014 — A P. 3263 343 3204 357 6627 6235 7518 — M 939 921 936 — 1ALAYA — 26 15 15 15 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	KPCL	6458	7763	8903	9842	11692	10491
252 579 869 7316 7 2566 2246 2168 183 2566 2246 2168 183 2566 2246 2168 183	KEB	624	708	655	461	398	237
CHAT V. 2566 2246 2168 183 GHAT V. 1474 1169 1329 — A P. 0 0 3411 4 A P. 2803 3159 3014 — A P. 3263 3159 3014 — A P. 3263 3364 357 A C. 6697 6235 7518 — A C. 6697 6235 570 — A M. 939 921 936 — A D. 26 — 26 A D. 27 — 26 A D. 287 251 242 57 A D. A. D. S. CHALLANA — — 26 A D. A. D. S. CHALLANA — — 26 A D. A. D. S. CHALLANA — — 26 A D. A. D. S. CHALLANA — — 242 57 A D. A. D. S. CHALLANA — — 16 A D. A. D. S. CHALLANA — — 16 A D. A. D. S. CHALLANA — — 26 A D. D. S. CHALLANA — — 26 A D. D. S. CHALLANA — 26 —	KSEB	252	62.5	698	7316	7033	6131
CHAT V. 1474 1169 1329 — 4 0 0 0 3411 4 4 0 0 0 0 3411 4 4 0 0 0 0 3411 4 4 1169 1329 — 4 1169 1329 — 4 1169 1329 — 5 1169 1329 — 5 1169 1329 — 5 1169 1329 — 5 1169 1329 1329 1329 13204	BSEB	2566	2246	2168	183	202	144
A P. 2803 3159 3014 4 A P. 3263 3563 3577 504 357 504 502 848 590	TENUGHAT V.	1474	1169	1329	1	ı	
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C 6697 6235 7518 — — — — — — — — — — — — — — — — — — —	WBSEB	3263	3543	3204	357	396	446
M 590 — 26 M 57	WBPDC	2699	6235	7518	I	1	1
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DB A DE CH 16	TRIPURA	287	152	242	57	19	92
rkanton	AR. PRADESH	1	1	1	16	14	13